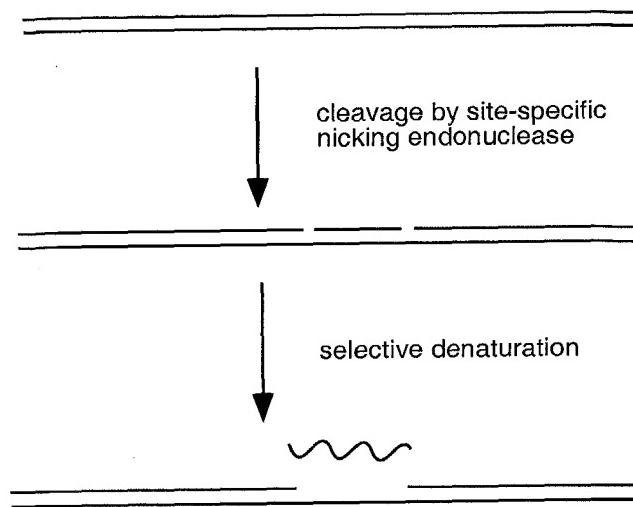


### A. Gap Formation



### B. Cohesive Termini Formation

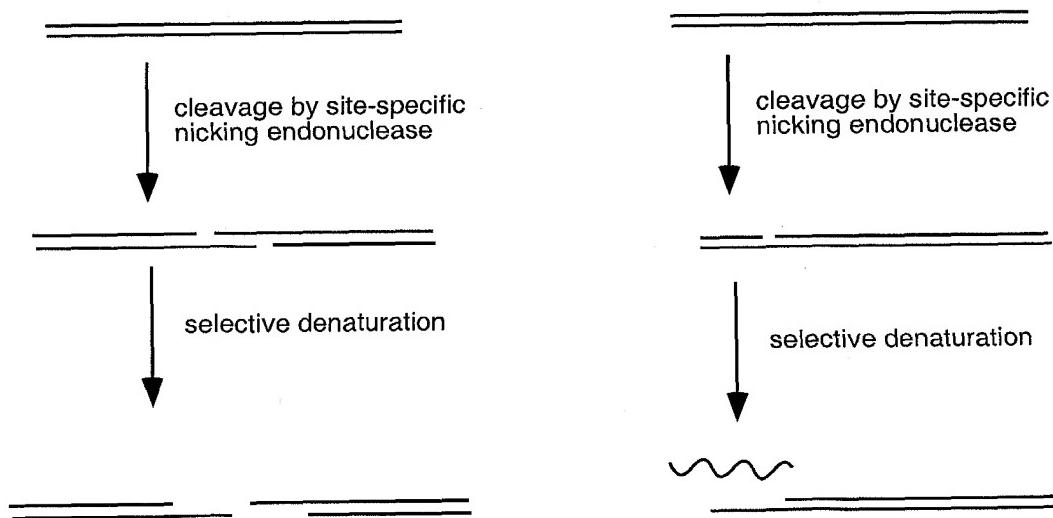
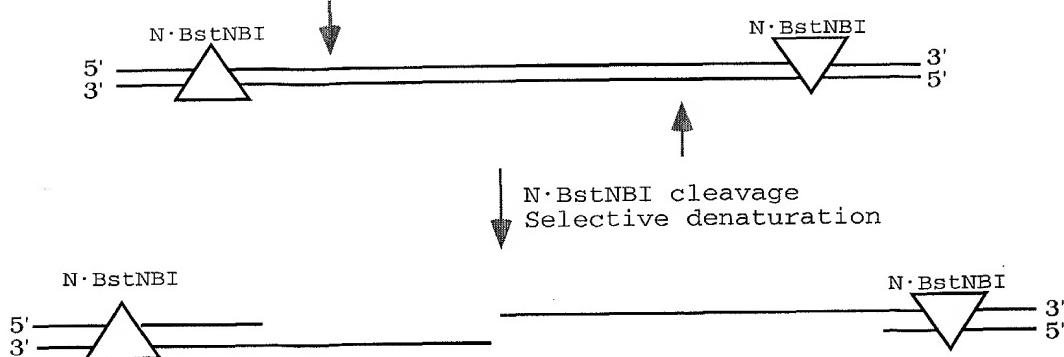


FIG. 1

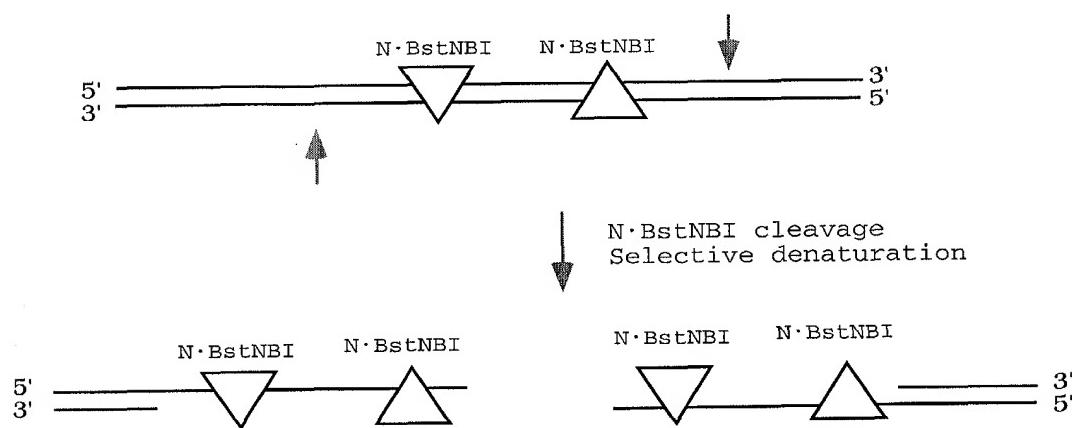
### **Creation of 5' Cohesive Ends**

**A.**



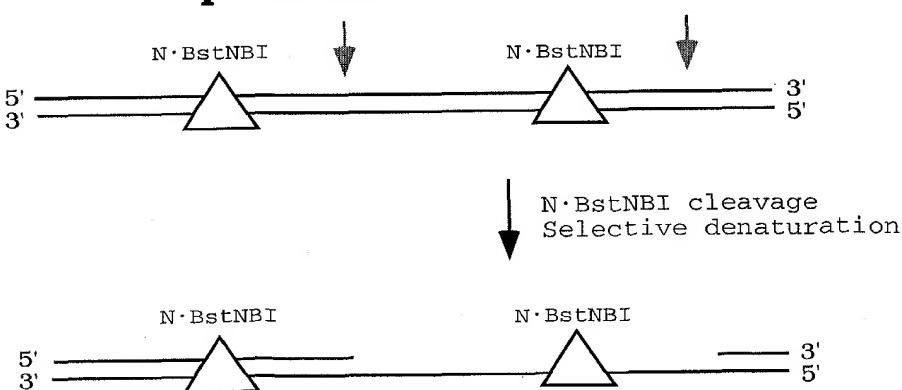
### **Creation of 3' Cohesive Ends**

**B.**



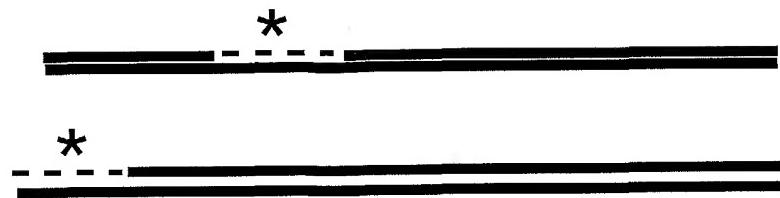
### **Gap Creation**

**C.**

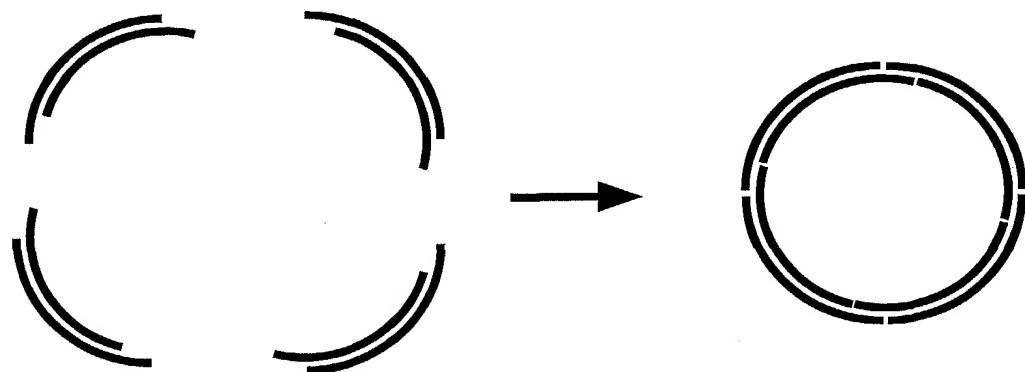


**FIG. 2**

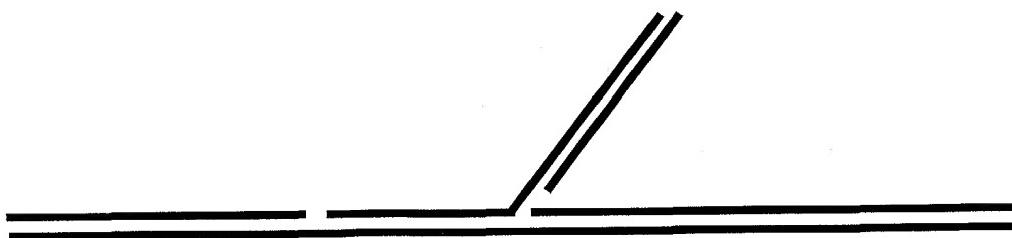
## A. Detection



## B. Assembly



## C. Branched Structures



## D. Purification

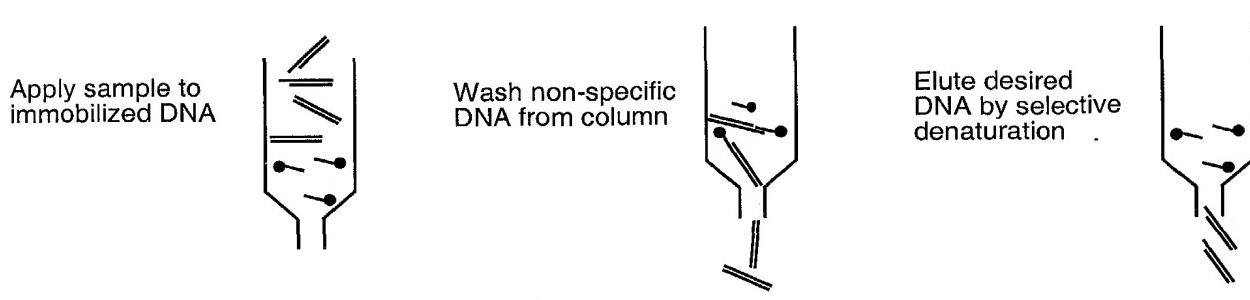


FIG. 3

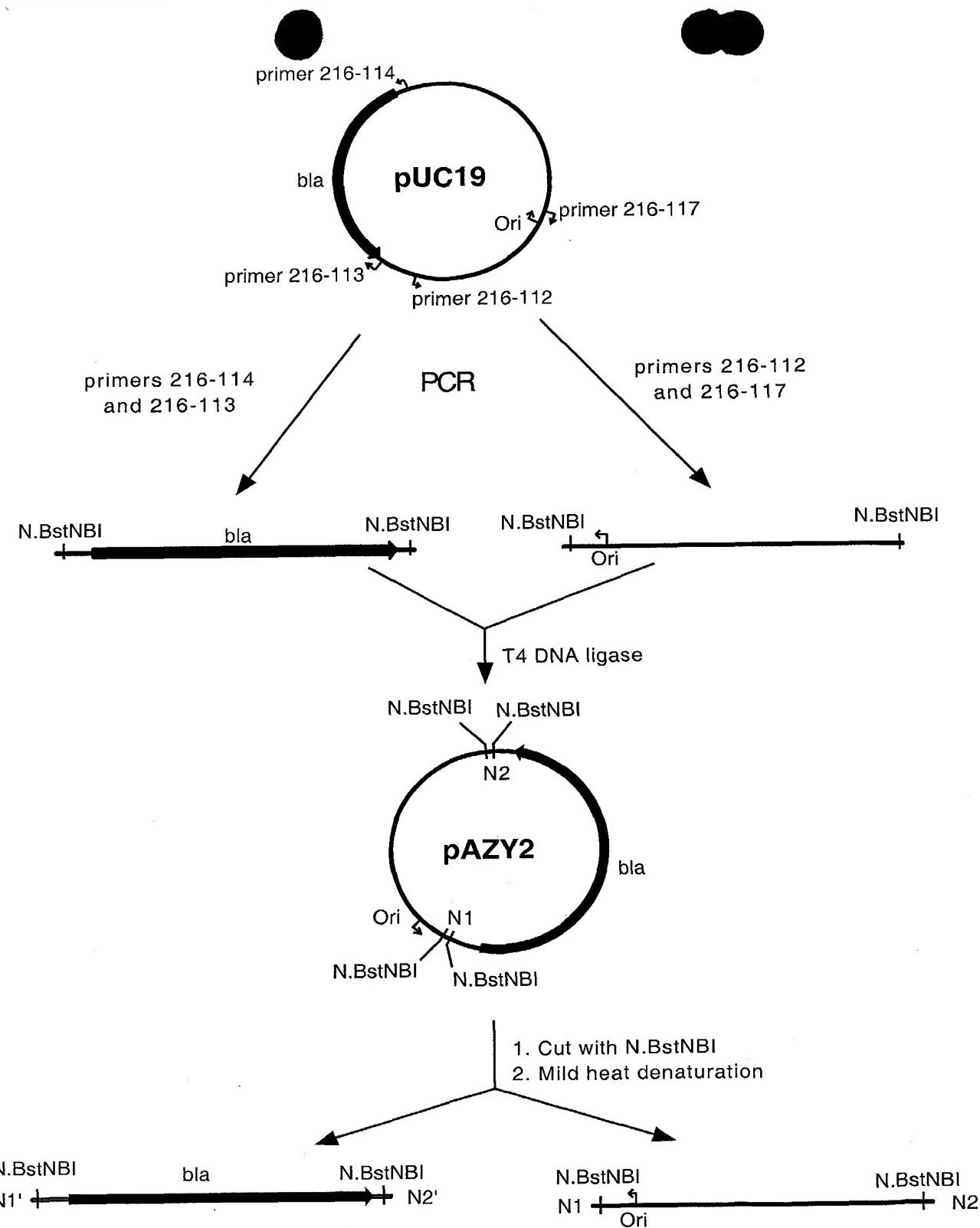


FIG. 4

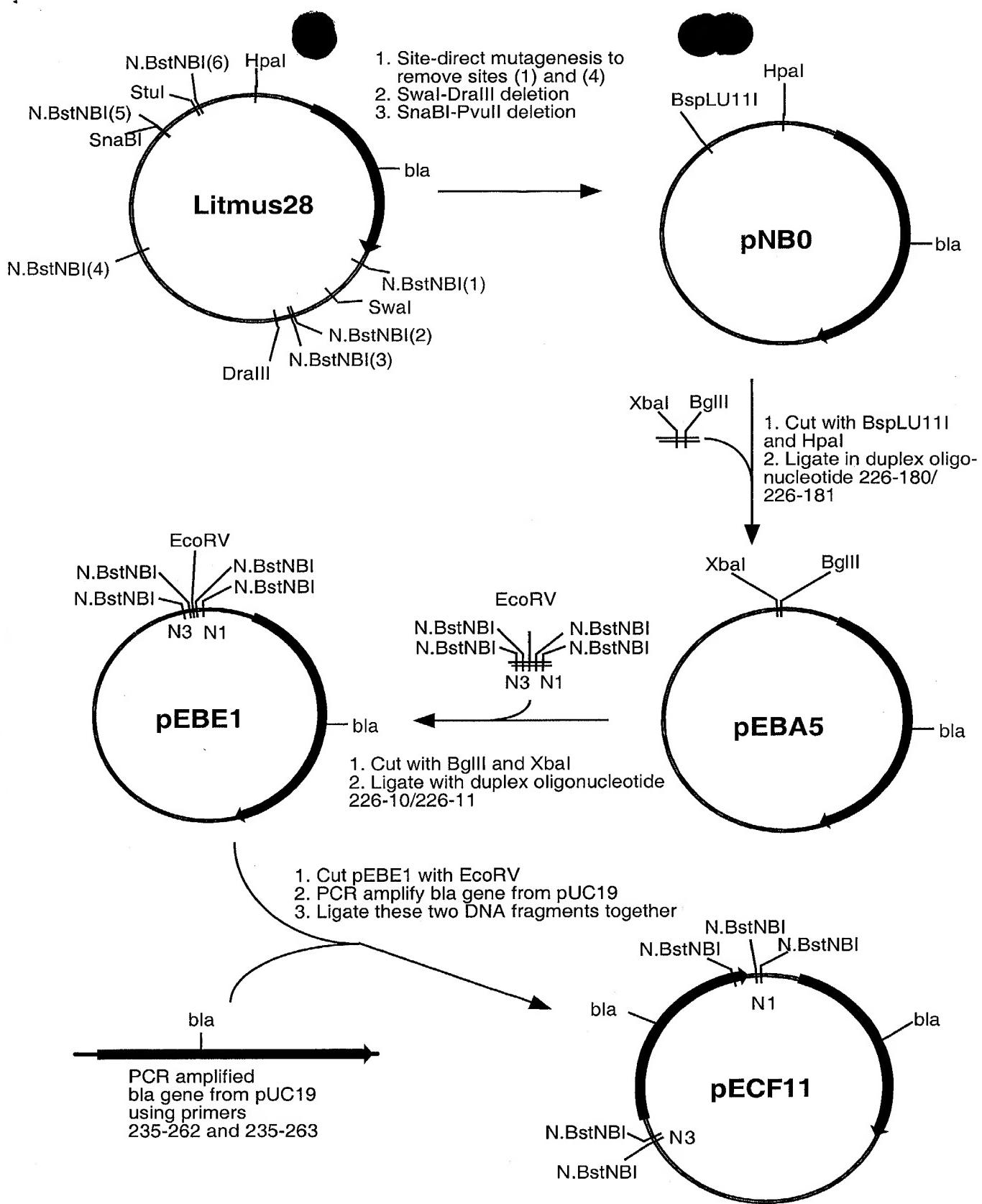
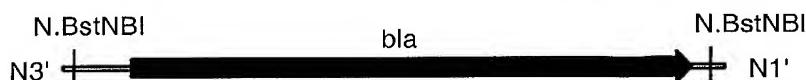


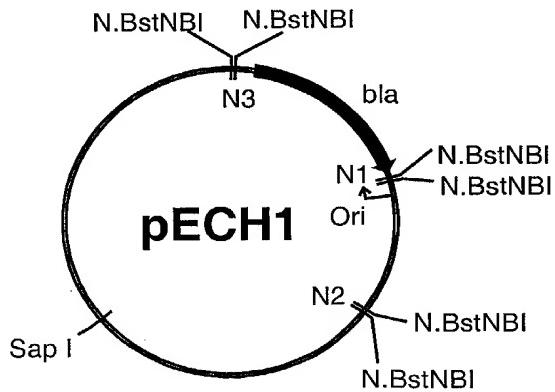
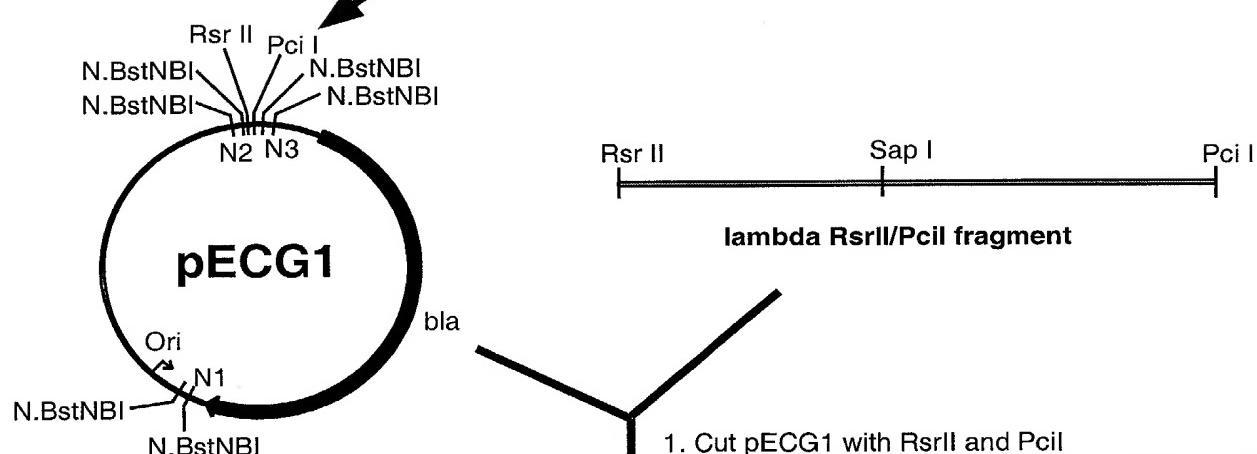
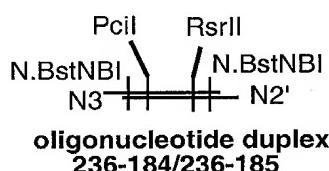
FIG. 5



**ori fragment from pAZY2**



**bla fragment from pECF11**



**FIG. 6**

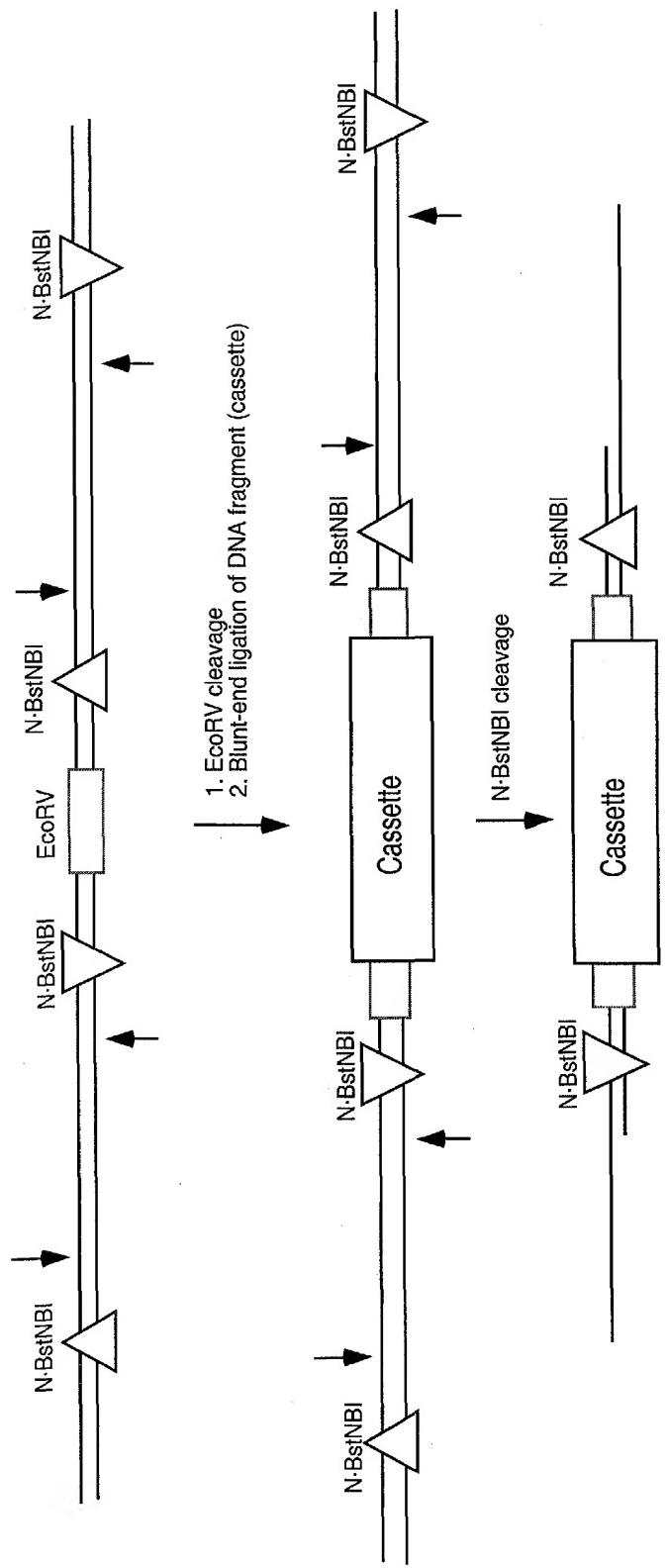


FIG. 7

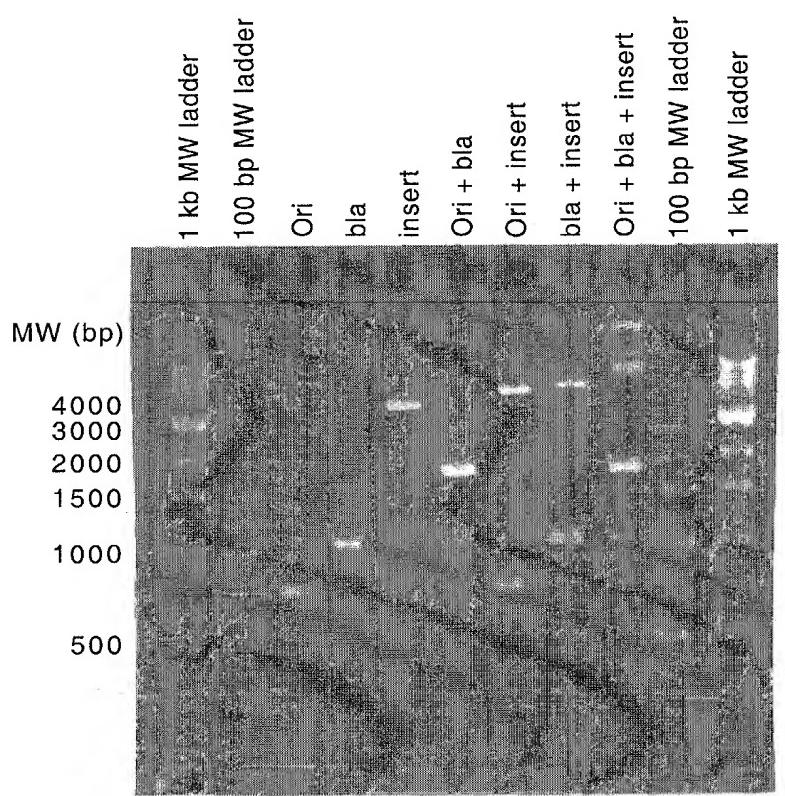


FIG. 8

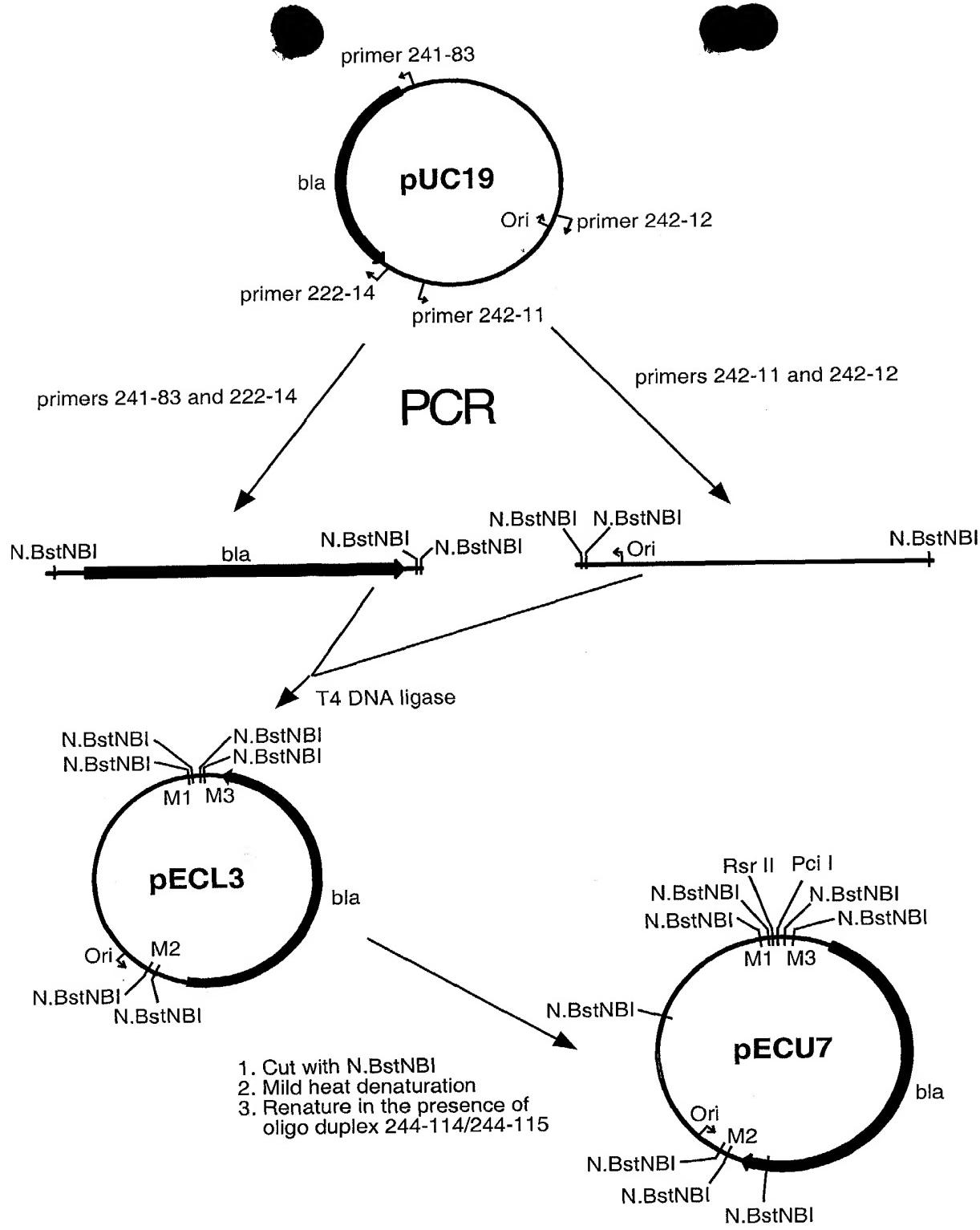


FIG. 9

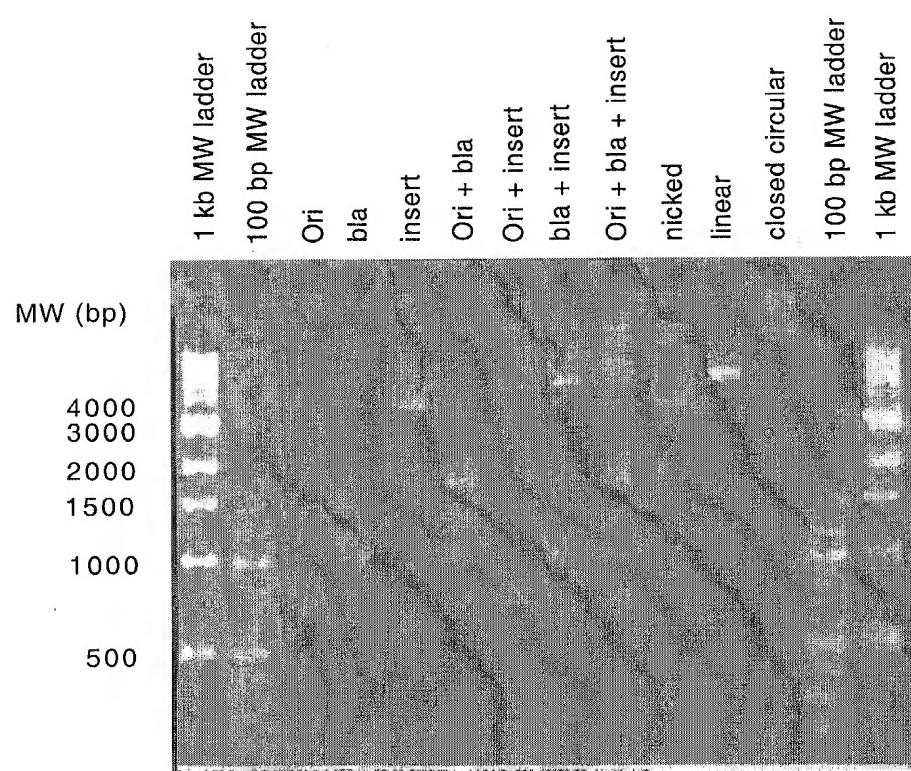


FIG. 10